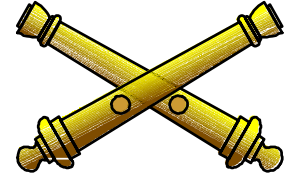


**GUNNERY DEPARTMENT**



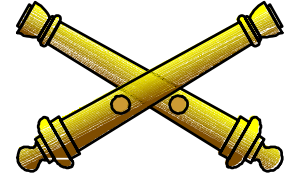
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GUNNERY DEPARTMENT

# ***FIRE ORDER CONSIDERATIONS***



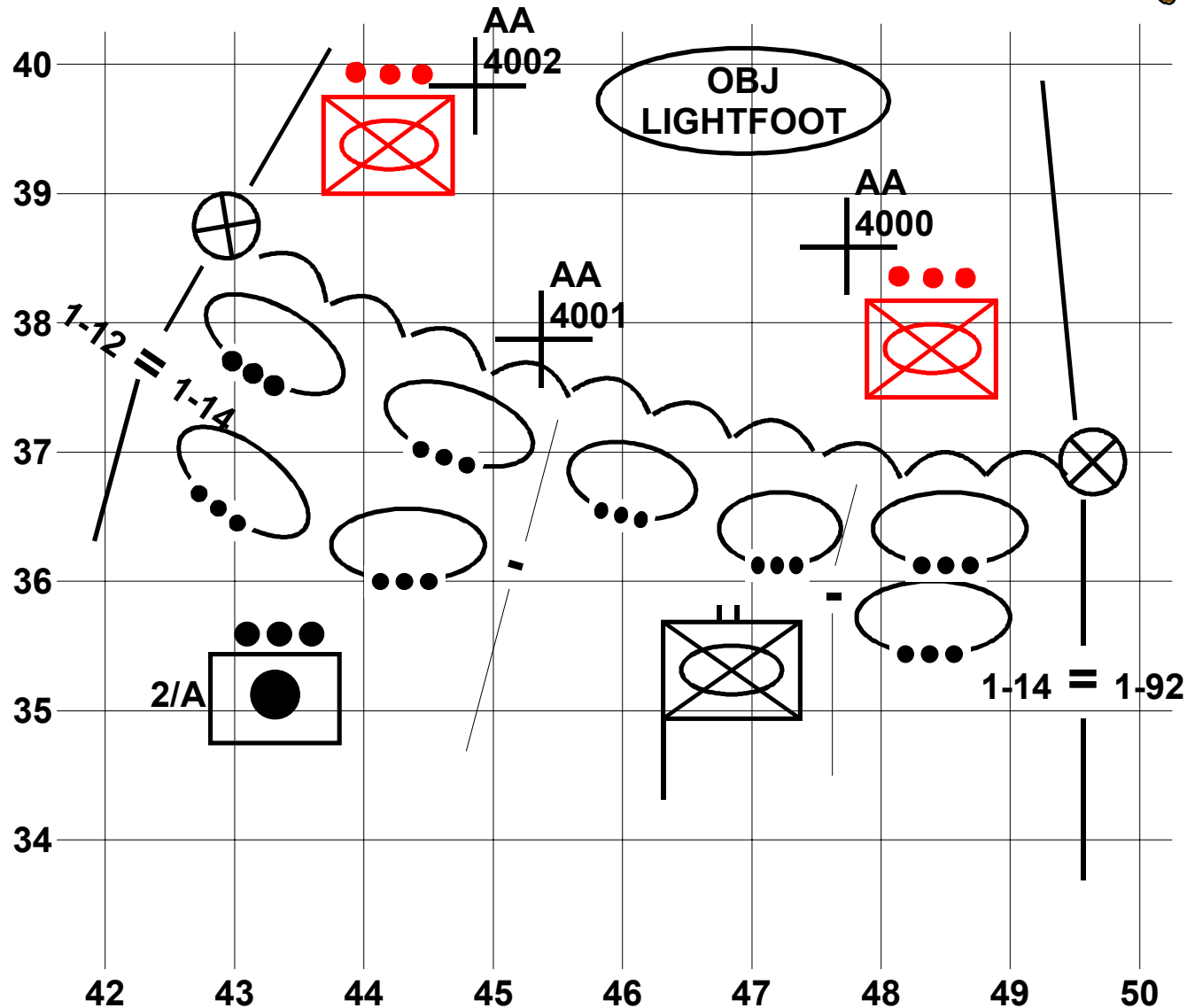
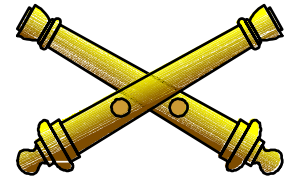
**LOCATION OF THE TARGET**

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# GUNNERY DEPARTMENT

## GRID 443 393

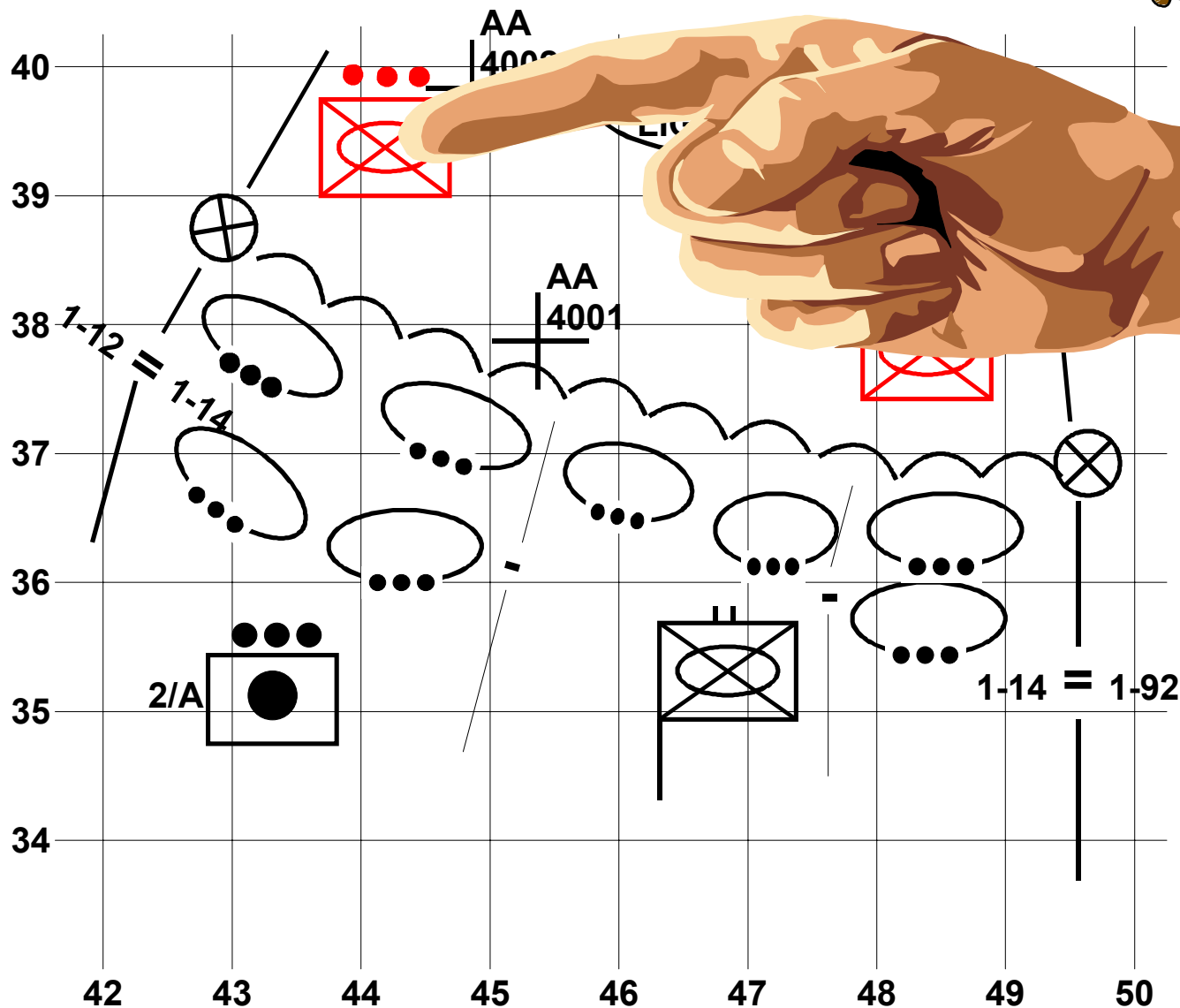
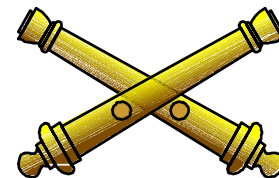


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# GUNNERY DEPARTMENT

## GRID 443 393

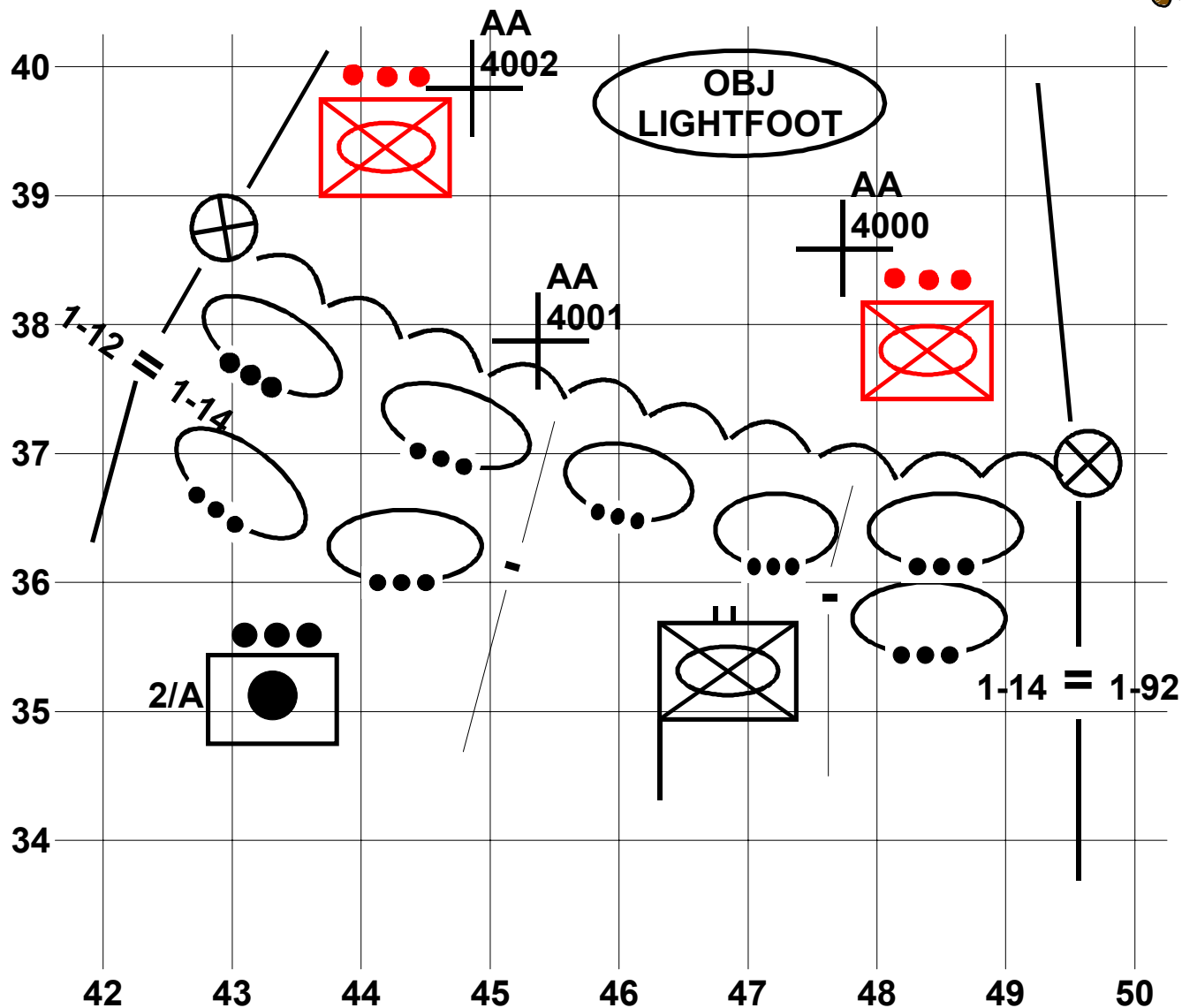
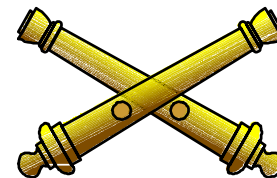


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# GUNNERY DEPARTMENT

GRID 473 365

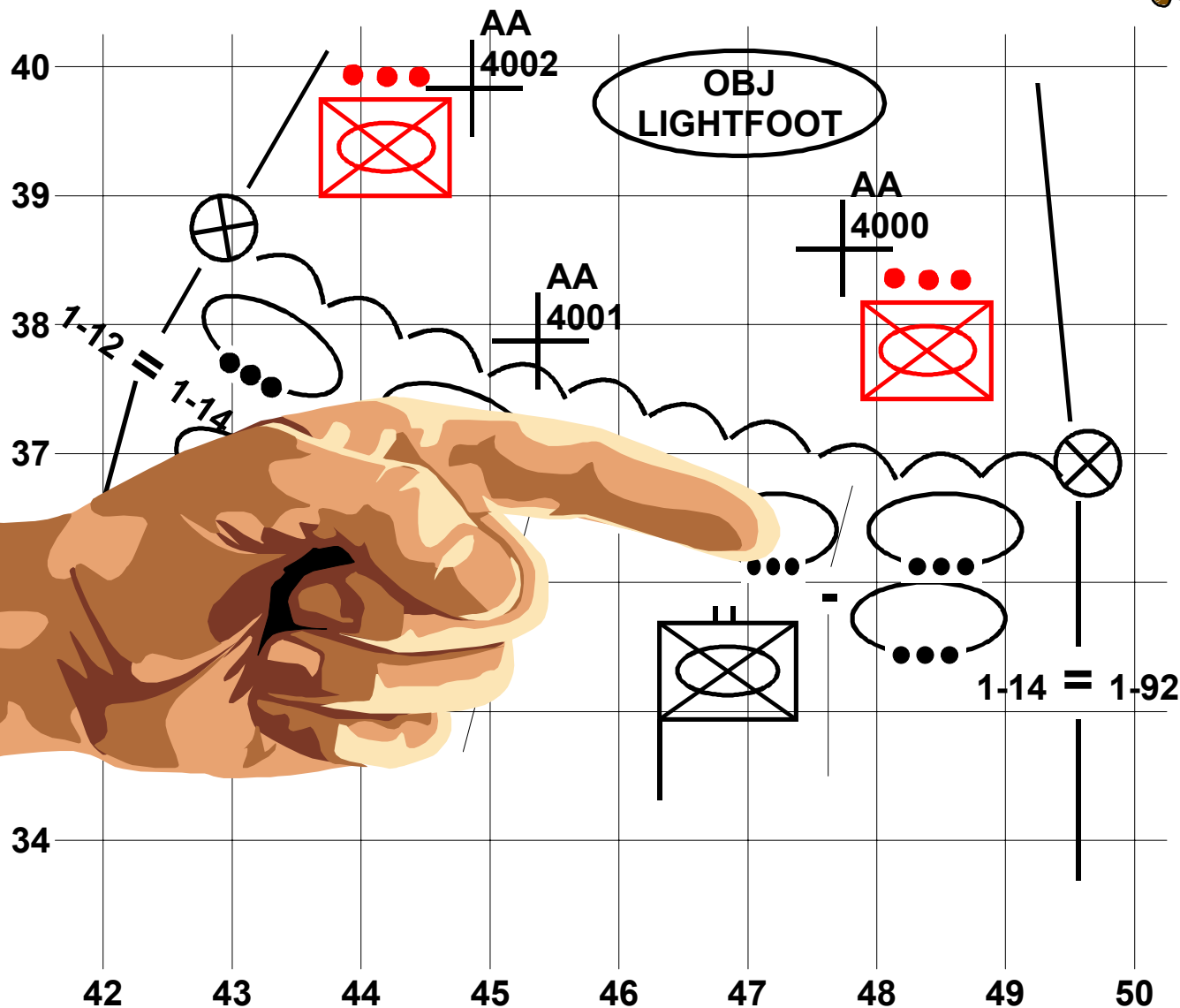
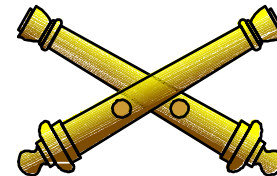


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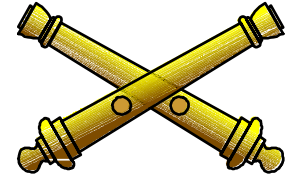
# GUNNERY DEPARTMENT

GRID 473 365










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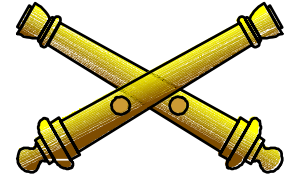
# ***FIRE ORDER CONSIDERATIONS***

-  **LOCATION OF THE TARGET**
-  **NATURE OF THE TARGET**
-  **AMMUNITION AVAILABLE**
-  **UNIT AVAILABLE**
-  **THE OBSERVER'S DESIRES  
(CALL FOR FIRE)**
-  **GMET/JMEM**
-  **COMMANDER'S GUIDANCE**



**GUNNERY DEPARTMENT**

***COMMANDER'S  
GUIDANCE***



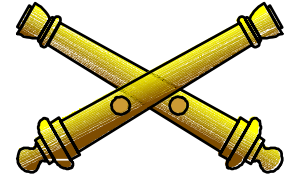
**SITUATION: YOU ARE THE FDO FOR 1st PLT, A BTRY, 1-51 FA. YOUR BN IS DS TO 1st BDE, WHICH CONSISTS OF 3 BN TASK FORCES. YOUR BC PROVIDED YOU WITH A COPY OF THE COMMANDER'S GUIDANCE TO BE USED IN THE FORMULATION OF FIRE ORDERS. YOU WILL BE CONDUCTING AUTONOMOUS OPERATIONS FOR THE NEXT 24 HOURS.**

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**GUNNERY DEPARTMENT**

***COMMANDER'S  
GUIDANCE***

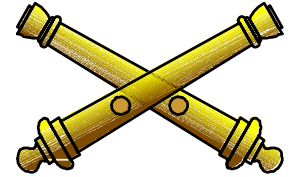


**CALLS FOR FIRE FROM OBSERVERS  
WITH TF 1-14, TF 1-92, 1-12 AR, AND  
DIVARTY FAAOs. PRIORITY TO TF 1-14  
AT 1300 HRS AND ALL OTHERS  
RELAYED TO BN FDO FOR A DECISION.**

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# GUNNERY DEPARTMENT **COMMANDER'S GUIDANCE**

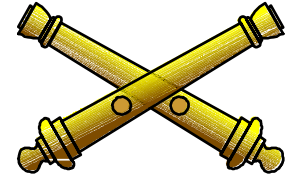


**CONTROLLED SUPPLY RATE (CSR) WILL LIMIT  
US TO:**

<u>NATURE OF TARGET</u>	<u>AMMO</u>	<u>#RNDs</u>	<b>U S A F S</b>
<b>DISMOUNTED INF/DUG IN</b>			
- SQUAD	HE/VT or TI	PLT ②	
- PLATOON	HE/VT or TI	PLT ④	
- COMPANY	ICM	BN ①	



# GUNNERY DEPARTMENT **COMMANDER'S GUIDANCE**



**CONTROLLED SUPPLY RATE (CSR) WILL LIMIT  
US TO:**

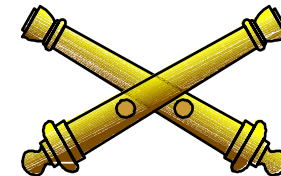
<u>NATURE OF TARGET</u>	<u>AMMO</u>	<u>#RNDs</u>	
<b>DISMOUNTED INF/DUG IN</b>			
- SQUAD	HE/VT or TI	PLT ②	<b>U S A F A S</b>
- PLATOON	HE/VT or TI	PLT ④	
- COMPANY	ICM	BN ①	
<b>FORTIFICATIONS/BUILDINGS</b>	HE/Q	PLT ②	



# GUNNERY DEPARTMENT

## **COMMANDER'S**

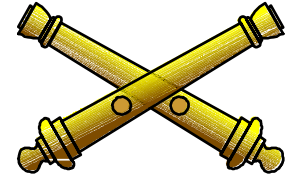
## **GUIDANCE**



**CONTROLLED SUPPLY RATE (CSR) WILL LIMIT US TO:**

<u>NATURE OF TARGET</u>	<u>AMMO</u>	<u>#RNDs</u>	
<b>DISMOUNTED INF/DUG IN</b>			
- SQUAD	HE/VT or TI	PLT ②	<b>U S A F A S</b>
- PLATOON	HE/VT or TI	PLT ④	
- COMPANY	ICM	BN ①	
<b>FORTIFICATIONS/BUILDINGS</b>	HE/Q	PLT ②	
<b>ARMOR/MECH INF</b>			
- PLATOON	ICM	PLT ④	
- COMPANY	ICM	BN ②	



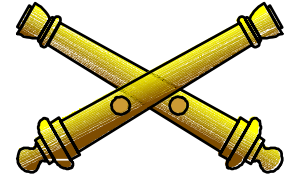


# ***COMMANDER'S GUIDANCE***

- **SUPPRESSION MISSION FIRED BY SECTION, 1 RND, VT**
- **LIMIT SMOKE AND WHITE PHOSPHOROUS TO MARKING FOR AIR STRIKES**
- **REPORT AMMO EXPENDITURES TO BN FDO AT APPROXIMATELY 50 ROUNDS PER TYPE**
- **LIMIT REGISTRATIONS AND MAINTAIN CURRENT WEATHER AND MUZZLE VELOCITY INFORMATION**



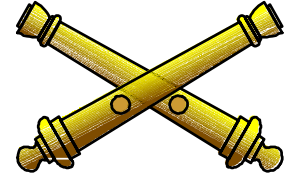
***COMMANDER'S  
GUIDANCE***



- **COORDINATE WITH BN FDO FOR RADAR, LASER, OR OBSERVER HIGH BURST/MPI REGISTRATIONS**
- **LIMIT ILLUMINATION TO 1 GUN**
- **COPPERHEAD AVAILABLE IN LIMITED QUANTITIES IN 1st PLT, B BTRY**
- **BE MINDFUL OF INTERMEDIATE CRESTS TO THE NORTHEAST**
- **1st PLT, B BTRY FDO IS ALTERNATE BN FDO ON ORDER OF THE S3**



**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

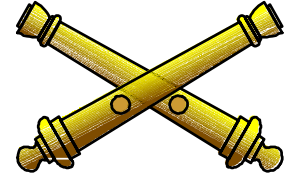
## **ADJUST FIRE MISSION:**

**FIRE MISSION, PLATOON ADJUST, #3, 1  
ROUND, SHELL HE, LOT AG, CHARGE 5,  
FUZE QUICK, DEFLECTION 3218,  
QUADRANT 300, 3 ROUNDS, VT IN EFFECT**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

## **ADJUST FIRE MISSION:**

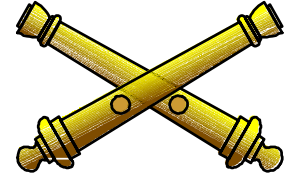
**FIRE MISSION, PLATOON ADJUST, #3, 1  
ROUND, SHELL HE, LOT AG, CHARGE 5,  
FUZE QUICK, DEFLECTION 3218,  
QUADRANT 300, 3 ROUNDS, VT IN EFFECT**

**DEFLECTION 3186, QUADRANT 310**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

## **ADJUST FIRE MISSION:**

**FIRE MISSION, PLATOON ADJUST, #3, 1  
ROUND, SHELL HE, LOT AG, CHARGE 5,  
FUZE QUICK, DEFLECTION 3218,  
QUADRANT 300, 3 ROUNDS, VT IN EFFECT**

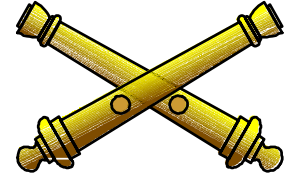
**DEFLECTION 3186, QUADRANT 310**

**PLATOON, 3 ROUNDS, FUZE VT, TIME 29.0,  
DEFLECTION 3195, QUADRANT 305**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

**FIRE FOR EFFECT MISSION:**

**FIRE MISSION, PLATOON, 2 ROUNDS, SHELL  
HE, LOT AG, CHARGE 3, FUZE TIME,  
TIME 21.2, DEFLECTION 3420, QUADRANT  
198**

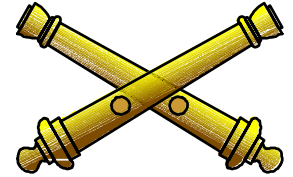
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**GUNNERY DEPARTMENT**

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**QUADRANT 295, CHARGE 5, #3, PLATOON  
ADJUST, 3 ROUNDS ICM IN EFFECT, FIRE  
MISSION, LOT AG, 1 ROUND, FUZE QUICK,  
SHELL HE, DEFLECTION 2995**

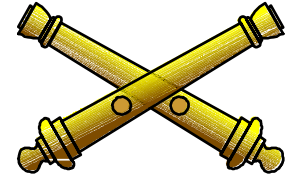
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**GUNNERY DEPARTMENT**

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**QUADRANT 295, CHARGE 5, #3, PLATOON  
ADJUST, 3 ROUNDS ICM IN EFFECT, FIRE  
MISSION, LOT AG, 1 ROUND, FUZE QUICK,  
SHELL HE, DEFLECTION 2995**

**FM, PLT ADJ, #3, ①, SH HE, LOT AG,  
CHG 5, FZ Q, DF 2995, QE 295, ③ ICM I/E**

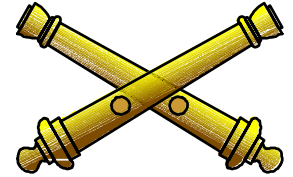
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GUNNERY DEPARTMENT

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**3 ROUNDS, TIME IN EFFECT, FUZE QUICK,  
1 ROUND, FIRE MISSION, QUADRANT 185,  
DEFLECTION 3314, PLATOON ADJUST,  
CHARGE 5, #3, LOT AG, SHELL HE**

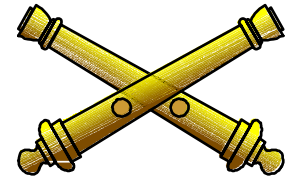
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GUNNERY DEPARTMENT

# ***FIRE COMMANDS***

***(SCRAMBLED)***



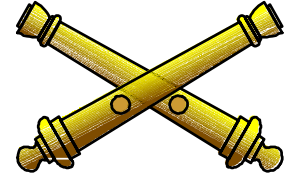
**3 ROUNDS, TIME IN EFFECT, FUZE QUICK,  
1 ROUND, FIRE MISSION, QUADRANT 185,  
DEFLECTION 3314, PLATOON ADJUST,  
CHARGE 5, #3, LOT AG, SHELL HE**

**FM, PLT ADJ, #3, ①, SH HE, LOT AG,  
CHG 5, FUZE Q, DF 3314, QE 185, ③, TI I/E**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

**USING THE FOLLOWING STANDARDS:**

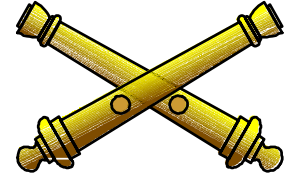
<b>PROJECTILE</b>	<b>HE</b>
<b>AMMUNITION LOT</b>	<b>AG</b>
<b>FUZE/FUZE SETTING</b>	<b>Q</b>

**ADJUST FIRE MISSION**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

**USING THE FOLLOWING STANDARDS:**

<b>PROJECTILE</b>	<b>HE</b>
<b>AMMUNITION LOT</b>	<b>AG</b>
<b>FUZE/FUZE SETTING</b>	<b>Q</b>

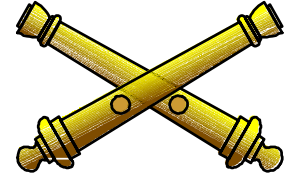
## **ADJUST FIRE MISSION**

**FM, PLT ADJ, #3, ①, CHG 5, DF 3218**  
**QE 300, ③, VT I/E**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

**USING THE FOLLOWING STANDARDS:**

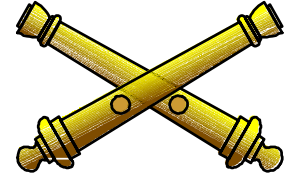
<b>PROJECTILE</b>	<b>HE</b>
<b>AMMUNITION LOT</b>	<b>AG</b>
<b>FUZE/FUZE SETTING</b>	<b>Q</b>

**FIRE FOR EFFECT MISSION**

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**GUNNERY DEPARTMENT**



# ***FIRE COMMANDS***

**USING THE FOLLOWING STANDARDS:**

<b>PROJECTILE</b>	<b>HE</b>
<b>AMMUNITION LOT</b>	<b>AG</b>
<b>FUZE/FUZE SETTING</b>	<b>Q</b>

**FIRE FOR EFFECT MISSION**

**FM, PLT, ②, CHG 3, FUZE TIME,  
TI 21.2, DF 3420, QE 198**

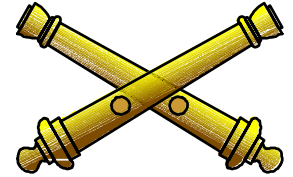
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GUNNERY DEPARTMENT

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**AT MY COMMAND, 3 RNDs VT I/E, CHARGE  
4, SHELL HE, FIRE MISSION, LOT AG,  
QUADRANT 210, 1 RND, DEFLECTION 1821,  
FUZE QUICK, PLATOON ADJUST, #3**

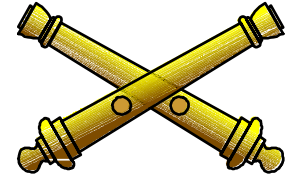
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**GUNNERY DEPARTMENT**

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**AT MY COMMAND, 3 RNDs VT I/E, CHARGE  
4, SHELL HE, FIRE MISSION, LOT AG,  
QUADRANT 210, 1 RND, DEFLECTION 1821,  
FUZE QUICK, PLATOON ADJUST, #3**

**FM, PLT ADJ, #3, ①, AMC, CHG 4, DF 1821,  
QE 210, ③ VT I/E**

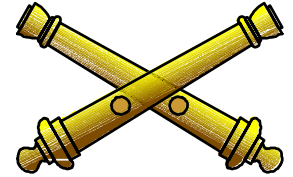
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**GUNNERY DEPARTMENT**

# ***FIRE COMMANDS***

***(SCRAMBLED)***



**LOT XY, TIME 19.2, PLATOON, QUADRANT  
262, 2 RNDs, FUZE TIME, FIRE MISSION,  
SHELL HE, DEFLECTION 2450, CHARGE 5**

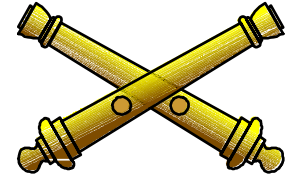
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**GUNNERY DEPARTMENT**

# ***FIRE COMMANDS***

***(SCRAMBLED)***

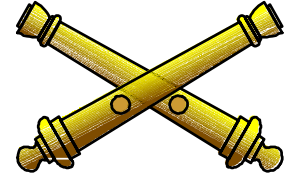


**LOT XY, TIME 19.2, PLATOON, QUADRANT  
262, 2 RNDs, FUZE TIME, FIRE MISSION,  
SHELL HE, DEFLECTION 2450, CHARGE 5**

**FM, PLT, ②, LOT XY, CHG 5, FZ TI, TI 19.2,  
DF 2450, QE 262**

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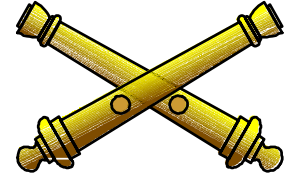




# ***OTHER FIRE COMMANDS***

- **CHECK FIRING**
- **CEASE LOADING**
- **END OF MISSION**
- **PLANNED TARGETS**

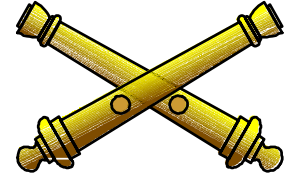




# ***REPORTS***

- **SHOT**
- **MISFIRE**
- **ROUNDS COMPLETE**
- **NUMBER OF ROUNDS  
EXPENDED**
- **ROUNDS FIRED WITH  
IMPROPER DATA**





## ***REPETITION OF COMMANDS***

**WHEN A COMMAND WAS NOT HEARD OR  
UNDERSTOOD, THE REQUEST FOR  
REPETITION IS STATED AS A QUESTION:**

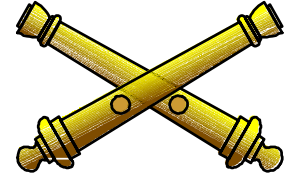
**(MISSED COMMAND) NUMBER (SO-AND-SO)?**

**“DEFLECTION #3?”**

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**GUNNERY DEPARTMENT**



## ***REPETITION OF COMMANDS***

**WHEN THE FDC REPLIES, THE REPETITION  
OF COMMANDS IS ALWAYS PRECEDED BY:**

**NUMBER SO-AND-SO, THE COMMAND WAS...**

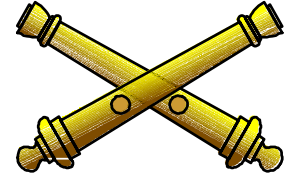
**“NUMBER 3, THE COMMAND WAS DF 3200”**

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GUNNERY DEPARTMENT

# ***CORRECTION OF COMMANDS***



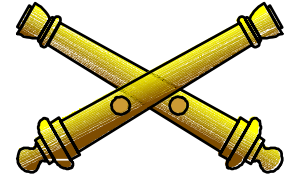
IF THE COMMAND “**QUADRANT**” HAS NOT BEEN TRANSMITTED TO THE GUNS, THE FDC COMMANDS “**CORRECTION**” FOLLOWED BY THE CORRECT COMMAND AND ALL SUBSEQUENT ELEMENTS.

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GUNNERY DEPARTMENT

# ***CORRECTION OF COMMANDS***



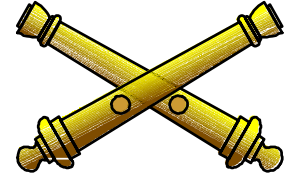
IF “**QUADRANT**” HAS BEEN ANNOUNCED,  
THE FDC COMMANDS “**CHECK FIRING**”.

“**CANCEL CHECKFIRING**” IS ANNOUNCED  
FOLLOWED BY THE CORRECTED ELEMENT  
AND ALL SUBSEQUENT ELEMENTS.

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**GUNNERY DEPARTMENT**



# **THE KING OF BATTLE**

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